

# I/O Connectors

This product is RoHS compliant.

## KYCON SURFACE MOUNT MICRO-USB SOCKET CONNECTORS

- More compact footprint than mini-USB
- Stainless Steel shell yields more than 10,000 cycles
- Contacts - Copper Alloy, 30µ" Gold plated
- RoHS Compliance per Kycon Documentation

RoHS Compliant  
For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Insulator Color	Type	Price Each		
					1	25	100
806-KMMX-ABSMT5SG-30	KMMX-ABSMT5SG-30TR	A	Grey	AB	1.43	1.28	1.22
806-KMMX-BSMT5SB-30	KMMX-BSMT5SB-30TR	A	Black	B	1.43	1.28	1.22
806-KMMLXBSMT5SB30TR	KMMLX-BSMT5SB-30TR	B	Black	Mid Mount B	1.02	.96	.90

## KYCON SURFACE MOUNT MINI-USB SOCKET CONNECTORS

- Overall size 1/3 of standard USB
- Contacts: Phosphor bronze, 30µ" gold plated
- High Temperature Thermoplastic, UL94V-0 Rated
- RoHS Compliance per Kycon Documentation
- Insulation resistance: 1000 MΩ min.
- Contact current rating: 1A max.
- Contact resistance: 50 mΩ max.
- Shell: Copper alloy
- Voltage rating: 30VAC
- Meets USB 2.0 specification

RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	KMAX-SMT-5S-S30TR	Fig.	Color	Type	Price Each		
					1	25	100
806-KMAXSMT5SS30TR	KMAX-SMT-5S-S30TR	C	White	A	2.83	2.21	2.00
806-KMABXSMT5SS30T	KMABX-SMT-5S-S-30TR	C	Grey	AB	3.62	2.83	2.00
806-KMBXSMT5SS30TR	KMABX-SMT-5S-S30TR	C	Black	B	3.62	2.83	2.00
806-KMBXSMT45SS30T	KMBX-SMT4-5S-S-30TR	C	Black	B	3.62	2.83	2.00

## KYCON HDMI CONNECTORS

- Rated Voltage: 40V AC (R.M.S)
- Contact Current Rating: 0.5A Min.
- Dielectric Withstanding: 500V AC (unmated)/300V AC (mated)
- Plating: 30µ" Gold plated over Nickel
- Shell: Copper Alloy, Solderable Nickel plated
- Insulator: UL94V-0 Rated Thermoplastic
- Operating Temperature: -25°C to 85°C
- RoHS Compliance per Kycon Documentation

RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Type	Price Each		
				1	25	100
806-KDMIX-FS1-NS-B	KDMIX-FS1-NS-B	D	Receptacle, Type A, SMT shield with Flange	2.17	1.97	1.78
806-KDMIX-FS2-NS-B	KDMIX-FS2-NS-B	E	Receptacle, Type A, Dip shield with Flange	2.98	2.87	2.10
806-KDMIX-FS2-WS-B	KDMIX-FS2-WS-B	E	Receptacle, Type A, Dip shield w/Top Spring & Flange	3.02	2.73	2.30
806-KDMIX-NS1-NS-B	KDMIX-NS1-NS-B	F	Receptacle, Type A, SMT shield	2.08	1.90	1.70
806-KDMIX-NS2-NS-B	KDMIX-NS2-NS-B	G	Receptacle, Type A, TH shield, no Top Spring	2.98	2.87	2.10
806-KDMI42XFS2WSB15	KDMI42XFS2-WS-B15	H	Dual stack with shield	6.50	5.86	5.41
806-KDMIXFS1VWSB30	KDMIX-FS1V-WS-B30	I	Vertical SMT with Flange	3.28	2.96	2.73
806-KMDMIXNS3AWSBTR	KMDMIX-NS3A-WS-BTR	J	Mini Recept., R/A SMT, Top Spring w/standard brd lock	6.73	6.15	5.67
806-KMDMIXNS3WSBTR	KMDMIX-NS3B-WS-BTR	J	Mini Recept., R/A SMT, Top Spring w/indented brd lock	5.72	5.23	4.82

## KYCON 4P MINI IEEE 1394 CONNECTORS

- Insulator: PBT thermoplastic, black, UL94V-0 rated
- Shell: Stainless steel, tin plating
- Dielectric withstanding voltage: 750VAC for 1 min.
- RoHS Compliance per Kycon Documentation
- Rated up to 400Mbps
- Contacts: Phosphor bronze, 30µ" gold plating
- Insertion force: 2kg max.
- Capacitance: 2pF max.
- Withdrawal force: 0.5kg min.
- Voltage rating: 30VAC

RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Kycon Part No.	Fig.	Type	Price Each		
				1	25	100
806-KMFSX-PR-200B-30	KMFSX-PR-200B-30	K	PCB Mount	2.14	1.90	1.70
806-KMFSX-PR-201B-30	KMFSX-PR-201B-30	K	PCB Mount	2.14	1.90	1.70

## EDAC USB 2.0 CONNECTORS AND CABLE ASSEMBLY

- Industry standard data transfer devices
- Minimum Mating Cycles: 1500 per EIA 364-09
- Current Rating: 1A Max.
- Voltage Rating: 30VACrms max.
- Temperature Range: -55°C to +85°C
- 30µ" Gold

RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	EDAC Part No.	Fig.	No. of Ports	Type	Contact Orientation	Dual Stack	Contact Style	Price Each			
								1	25	50	100
587-690-004-621-013	690-004-621-013	A	1	A	Horizontal	No	Right Angle	.75	.67	.60	.55
587-690-004-621-023	690-004-621-023	A	1	B	Horizontal	No	Right Angle	.66	.61	.56	.52
587-690-004-660-013	690-004-660-013	A	1	A	Vertical	No	Straight	.71	.66	.60	.57
587-690-004-660-023	690-004-660-023	A	1	B	Vertical	No	Straight	1.13	1.00	.90	.82
587-690-004-661-013	690-004-661-013	A	1	A	Vertical	No	Right Angle	.86	.80	.73	.68
587-690-008-621-013	690-008-621-013	A	2	A	Horizontal	Yes	Right Angle	1.02	.95	.87	.81

## EDAC USB 3.0 CONNECTORS

- USB 2.0 and 3.0 compliant
- Super speed interface up to 5 Gbps data rate
- Metal Shielding for EMI, RFI and ESD protection
- Backward compatible with USB 2.0

NEW! TECHNOLOGY

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For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	EDAC Part No.	Fig.	No. of Ports	Type	Contact Orientation	Dual Stack	Contact Style	Price Each			
								1	25	50	100
587-690-009-521-013	690-009-521-013	C	1	A	Horizontal	No	Right Angle	2.18	1.83	1.61	1.44
587-690-009-621-013	690-009-621-013	C	1	A	Horizontal	No	Right Angle	2.55	2.14	1.89	1.68
587-690-009-521-900	690-009-521-900	D	1	B	Horizontal	No	Right Angle	3.50	2.94	2.59	2.31
587-690-009-621-900	690-009-621-900	D	1	B	Horizontal	No	Right Angle	3.88	3.26	2.89	2.56

## MILL MAX USB RECEPTACLES FOR THRU-HOLE & SURFACE MOUNT

- Plug retention tabs
- Kinked locating legs for secure PCB termination
- Fully compatible with USB 1.0 & 2.0 specifications
- Shell plating: tin over nickel
- Contact finish: 30µ" selective gold, tin/copper tail
- Housing material: high temp thermoplastic rated UL94V-0
- RoHS compliant per Mill-Max documentation

RoHS Compliant

For quantities 100 and up, call for quote.

MOUSER STOCK NO.	Mill Max Part No.	Fig.	Description	Price Each			
				1	10	25	50
<b>USB</b>							
575-4300400	896-43-004-00-000000	A	Type A Receptacle, Single, SMT	1.23	1.07	.86	.74
575-4300490	896-43-004-90-000000	B	Type A Receptacle, Single, Thru Hole	1.23	1.07	.86	.74
575-4300890	896-43-008-90-000000	C	Type A Receptacle, Double, Thru Hole	1.99	1.73	1.40	1.20
575-8974349	897-43-004-90-000000	D	Type B Receptacle, Single, Thru Hole	1.34	1.13	1.07	.99
<b>Mini-USB</b>							
575-89643005	896-43-005-00-100001	E	Type A Receptacle, Single, SMT	1.42	1.33	1.21	1.14
575-89743005	897-43-005-00-100001	E	Type B Receptacle, Single, SMT	1.48	1.34	1.25	1.19